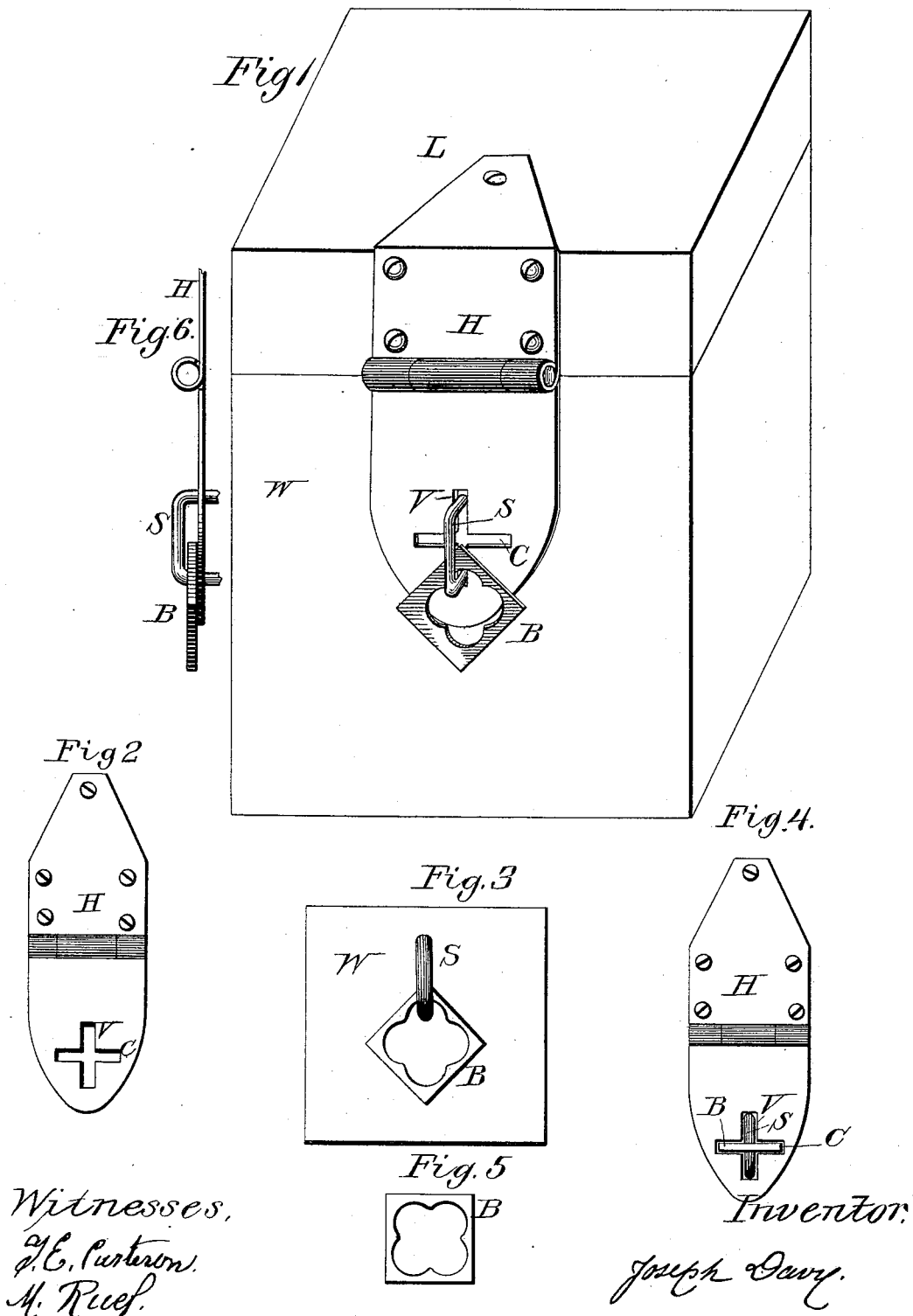


(No Model.)

J. DAVY.
BOX FASTENER.

No. 386,188.

Patented July 17, 1888.



UNITED STATES PATENT OFFICE.

JOSEPH DAVY, OF OAKLAND, CALIFORNIA.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 386,188, dated July 17, 1888.

Application filed October 27, 1887. Serial No. 253,564. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH DAVY, a citizen of the Republic of France, residing at Oakland, in the county of Alameda, State of California, have invented a new, useful, and improved Box-Fastener, of which the following is a specification.

My invention relates to an improvement in fastening devices or bolts for fastening firmly and securely cases or boxes used for packing, as well as any other objects or things for which bolts or fastenings are generally used.

The object of this invention is to provide a device which shall secure an absolutely safe, simple, expeditious, and cheap mode of fastening, which may be used as a means of fastening securely and holding closed packing cases and boxes, which are subject to much handling, without any danger of their becoming unfastened.

In the accompanying drawings, Figure 1 presents a full view of a box closed and secured by means of the device which I have invented. Fig. 2 shows the hasp used, with its cross-cuts. Fig. 3 shows the staple and bolt held by it. Fig. 4 shows the bolt in position to enable box to be opened or closed. Fig. 5 shows the bolt itself. Fig. 6 presents a cross-section of the fastening device, side view.

Taking, for example, any ordinary box or case having the lid fastened on one side to the body by hinges, I drive into the wall of the case W, opposite to that to which said hinges are attached, the staple S, inclosing the bolt B, Fig. 3.

In the figures of the accompanying drawings, the bolt B is square in form, though there is no reason why it should not be otherwise rectangular or circular. The bolt B is a small plate, of metal or other substance, with the

central portion thereof cut out. I then affix to the side of the lid L corresponding to wall W, into which staple S has been driven, and so that its free portion shall fall over said staple S, the hasp H, into the free portion of which I have made cut V, corresponding to the position of staple S, and of such size that it will fit over said staple, and also at right angles to cut V, cut C corresponding in width with the thickness of bolt B, and in length with a diameter thereof, Fig. 2. To fasten the case or box, I hold bolt B (as inclosed in staple S) at right angles to staple S and to wall W, and pass cut C over it, cut V falling over staple S, Fig. 4. As soon as I raise bolt B out of cut C and allow it to drop it falls into the position shown in Figs. 1 and 3. The box is then firmly and securely closed in such a way that it cannot be opened by accident or rough handling, but only by effort made with the express purpose of opening it.

To open the box or case, it is only necessary to place bolt B in the position shown in Fig. 4 and to lift the hasp over it.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a box-fastening, the combination, with a staple, S, secured to one portion of the box, and a bolt, B, having the central portion cut out and loosely pivoted on or held by said staple, of the hasp H, attached to the other portion of said box and having therein the cuts or slots V and C, the former to engage the staple, and the latter adapted to pass over the bolt when said bolt is raised at right angles to said staple, substantially as described.

JOSEPH DAVY.

Witnesses:

T. EDOUARD CARTERON,
M. RUEF.